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Substitute for the 14494				Coi	Complete if Known		
				Application Number	10/800768		
INFORMATION DISCLOSURE			JRE	Filing Date	03/15/04		
STATEME	STATEMENT BY APPLICANT		First Named Inventor	G. GLENN HENRY			
				Group Art Unit	2134		
(use as n	(use as many sheets as necessary			Examiner Name	MORSE, GREGORY ALLAN		
Sheet	1	of	2	Attorney Docket Number	CNTR.2070		

			U.S. PATENT	DOCUMENTS	, , , , , , , , , , , , , , , , , , , ,
Examiner	xaminer Cite Do	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.¹	Number-Kind Code ^{2(II known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
W		20030039354	02-27-2003	Kimble et al.	
		4316055	02-16-1982	Feistel, Horst	
		5673319	09-30-1997	Bellare et al.	
		. 5870470	02-09-1999	Johnson et al.	
		6301362	10-09-2001	Matyas, Jr. et al.	
		5666411	09-09-1997	McCarty, Johnnie C.	
10		4633388	12-30-1986	Chiu, Ming-Yee	

		FOREIG	N PATENT DO	CUMENTS		
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	Т6
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ^{5 (f known)}	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	
1.8	AA	EP1298518A2	04-02-2003	Tokyo Shibaura Electric		
7	AB	EP1202150A2	05-02-2002	Tokyo Shibaura Electric	×	T
DO	AC	DE3432721A1 (English-language version of the search report or action which indicates the degree of relevance found by the foreign office is attached.)	03-06-1986	Hahn, Ruediger		
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Examiner Signature	David	04/	Date Considered	6/2/07

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Substitute for form 1449A/I			Application Number	10/800768			
INFORM	INFORMATION DISCLOSURE		RE	Filing Date	03/15/04		
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				Group Art Unit	2134		
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Sheet	2 .	of	2	Attorney Docket Number	CNTR.2070		

		NON PATENT LITERATURE DOCUMENTS	
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AG	ВА	"IBM PCI Cryptographic Coprocessor CCA Basic Services Reference and Guide for IBM 4758 Models 002 and 023 with Release 2.40," IBM, September 2001, XP002291430	
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		•		Group Art Unit	2134
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0	ВА	SCHNEIER: "Applied Cryptography." 1996. John Wiley & Sons, New York, US. XP002341498. Pages 30-31, Pages 189- 211, Pages 446-459.			
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Substitute for form 1449A/	РТО			Application Number	10/800768	
INFORM	IATION DIS	SCLOSUR	E	Filing Date	03/15/04	
	STATEMENT BY APPLICANT				G. Glenn Henry	
			•	Group Art Unit	2134	
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Sheet	10 × 2001	of	2	Attorney Docket Number	CNTR.2070	

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Initials"	NO.	Number-Kind Code ^{2(# known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
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Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	T6
Initials*	Initials* No.	Country Code ³ - Number ⁴ - Kind Code ^{5 (Kinowr)}	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear	Ľ
100	AA	WQ0076119A1	12-14-2000	Danlel Z. Simon		_
4	AB	EP0913767A2	05-06-1999	Moyer et al.		$oldsymbol{ol}}}}}}}}}}}}}}}}}}$
	AC	JP57176457 (abstract)	10-29-1982	Kato Takeshi		ــــــــــــــــــــــــــــــــــــــ
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Substitute for form 1449A/	РТО			Application Number	10/800768	
INFORM	IATION DIS	CLOSUR	E	Filing Date	03/15/04	
	MENT BY A			First Named Inventor	G. Glenn Henry	
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		NON PATENT LITERATURE DOCUMENTS	_
xaminer Initials*	Cite No.1	include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	7
(20)	ВА	SCHNEIER. "Applied Cryptography, Protocols, Algorithms and Source Code in C." 2nd edition 2.3 One Way Funtions Applied Cryptography. 18 October 1995. pages 29-31, 193. XP002224472.	
\overline{A}	BB	RECHENBERG et al. "Informatik-Handbuch" INFORMATIK-HANDBUCH, 2002, XP0023666659. page 304 - page 324.	L
3	ВС	INSTITUTE FOR APPLIED INFORMATION PROCESSING AND COMMUNICATIONS, TU GRAZ: "Cryptographic Logic Unit //Crypto Unit Macrocell Webpages." CRYPTOGRAPHIC REDUCED INSTRUCTION SET PROCESSOR SMARTCARD, online 12 April 2000. XP00236660 Retrieved from the Internet: URL: http://web.archive.org/web/20000412010535 http://www.iaik.tu-graz.ac.at/Research/VLSI/CRISP/crisp.htm retrieved on 2006-02-07! page 8	
	BD	"Secure Microcontrollers for Smart Cards. AT90SC Summary" ANNOUNCEMENT ATMEL, 1999, pages 1-7. XP002291271	Ļ
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xaminer Cite Initials* No.1	(book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	۲
M	ULMANN, B. "Designing a NICE Processor." Microprocessors and Microsystems, IPC Business Press LTD. London, GB. Vol. 23, No. 5. 25 October 1999. Pages 257-264. XP004321479 ISSN: 0141-9331.	L
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PR	BA	WU et al. "CryptoManiac: a fast flexible architecture for secure communication." Proceedings of the 28th. International Symposium on Computer Architecture. ISCA 2001. 06-30-2001 pages 104-113, XP010553867	
4	BB	GLADMAN, BRIAN. "A Specification for Rijndael, the AES Algorithm." Online. 03/13/2003. XP002376287	_
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FX	BD	DAEMON J et al. "AES Proposal: RIJNDAEL." AES Proposal 09/03/1999. pages 1-45, XP001060386	_
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PAGE: 003 OF 070

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Substitute for form 1449A/PTO		Complete if Known				
Substitute for form 144970P1	O .			Application Number	10/800768	
INFORMA	TION DIS	CLOSURI	E	Filing Date	03/15/04	
STATEME	STATEMENT BY APPLICANT			First Named Inventor	G. Glenn Henry	
				Group Art Unit	2134	
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Sheet	1	of	2	Attorney Docket Number	CNTR.2070	

			U.S. PATENT	DOCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
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PA	AA	WO0184769A	11-08-2001	Lindemann et al.		l
W	AB	CN1431584A (US20030172252A1 is an English-Language Equivalent Application)	07-23-2003	Henry et al.		
	 					
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STATEM	STATEMENT BY APPLICANT				G. Glenn Henry	
				Group Art Unit	2134	
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M	ВА	TONG et al. "A system level implementation of Rijndael on a memory-slot based FPGA card." Field-Programmable Technology, 2002. (FPT). 16 December 2002 (2002-12-16), pages 102-109, XP010636515 ISBN: 0-7803-7574-2	
	вв	TAYLOR D E et al. "Dynamic Hardware Plugins: Exploiting Reconfigurable Hardware for High-Performance Programmable Routers." Computer Networks, Elsevier Science Publishers B.V., Amsterdam, NL, vol. 38, no. 3. 21 February 2002 pages 295-310. XP004333786. ISSN: 1389-1286	
60	ВС	ELBIRT A J et al. "Instruction-Level Distributed Processing for Symmetric-Key Cryptography." Parallel and Distributed Processing Symposium. 2003. 22 April 2003. pages 78-87. XP010645610 ISBN: 0-7695-1926-1	
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INFORM	ATION DIS	CLOSUR	RE	Filing Date	03/15/04	
STATEM	STATEMENT BY APPLICANT				G. Glenn Henry	
				Group Art Unit	2134	
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Ø		MCKINNON et al. "A Configurable Middleware Framework with Multiple Quality of Service Properties for Small Embedded Systems." NETWORK COMPUTING AND APPLICATIONS, 2003. NCA 2003. SECOND IEEE INTERNATIONAL SYMPOSIUM ON 16-18 APRIL 2003, PISCATAWAY, NJ, USA IEEE, 16 APRIL 2003. Pages 197-204, XP010640251 ISBN: 0-7695-1938-5	
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INFORMATION DISCLOSURE	Filing Date	3/15/2004		
STATEMENT BY APPLICANT	First Named Inventor	G. Glenn Henry		
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ap	AB	Anderson et al. "Cryptographic Processors - A Survey." Proceedings of the IEEE. Volume 94, Issue 2. Feb. 2006. Pages 357-369.							
	AC	Eberle et al. "Architectural Extensions for Elliptic Curve Cryptography over GF(2") on 8-bit Microprocessors." Application- Specific Systems. Architecture Processors. 2005. ASAP 2005. 16th IEEE International Conference on 23-25 July 2005. Pages 343-349.							
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Substitute for form 1449A/	PTO			Application Number	10800768
INFORM	IATION DIS	SCLOSUR	RE	Filing Date	3/15/2004
	MENT BY A			First Named Inventor	G. Glenn Henry
				Group Art Unit	2134
(use a	s many sheets as	s necessary		Examiner Name	Gregory Allan Morse
Sheet	1	of	2	Attorney Docket Number	CNTR.2070

			U.S. PATENT	DOCUMENTS	
Exeminer Cite		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number-Kind Code ^{2(# Incur)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
VO		5633934	05-27-1997	John T. Hember	
1		4319079	03-09-1982	Robert M. Best	
		4888802	12-19-1989	Henry G. Cooney	
		4386234	05-31-1983	Ehrsam et al.	
T. D.		20020162026	10-31-2002	Neuman et al.	
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	FOREIGN PATENT DOCUMENTS									
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	T-6				
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Substitute for form 1449A/P	то .			Application Number	10800768	
INFORMA	ATION DIS	CLOSUR	lE	Filing Date	3/15/2004	
	ENT BY A			First Named Inventor	G. Glenn Henry	
			•	Group Art Unit	2134	
(use as	many sheets as	necessary		Examiner Name	Gregory Allan Morse	
Sheet	2	of	2	Attorney Docket Number	CNTR.2070	

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Ø		FISCHER et al. "Two Methods of Rijndael Implementation in Reconfigurable Hardware." Springer-verlag Berlin Heldelberg 2001. CHES 2001. LNCS 2162. pp 77-92.	F
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¹Applicant's unique citation designation number (optional).

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Substitute for form 1449707	-10			Application Number	10800768	
INFORM	ATION DIS	CLOSUF	RE	Filing Date	3/15/2004	
STATEM	ENT BY A	PPLICAN	JT	First Named Inventor	G. Glenn Henry	
				Group Art Unit	2134	
(use as	many sheets as	necessary .		Examiner Name	Gregory Allan Morse	
Sheet	1	of	3	Attorney Docket Number	CNTR.2070	

				U.S. PATENT	DOCUMENTS	
Examiner		Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials		No.¹	Number-Kind Code ^{2(8 known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
10 01	7		6983374	01-03-2006	Hashimoto et al.	
			7073059	07-04-2006	Worely et al.	
			6006328	12-21-1999	·Christopher Nathan Drake	
			7184549	02-27-2007	Sorimachi et al.	
			7124302	10-17-2006	Ginter et al.	
	λT		7088826	08-08-2006	Houlberg et al.	
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		FOREIG	N PATENT DO	CUMENTS		
Examiner Cite	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	76
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Substitute for form 1449AVP	10			Application Number	10800768	
INFORM	ATION DIS	CLOSU	JRE	Filing Date	3/15/2004	
STATEM	ENT BY A	PPLICA	INT	First Named Inventor	G. Glenn Henry	
				Group Art Unit	2134	
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Sheet 1 of 3				Attorney Docket Number	CNTR.2070	

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Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures
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(BD)		6789147	09-07-2004	Kessler et al.	
٣		6026490	02-15-2000	Johns-Vano et al.	
		5134713	07-28-1992	Miller et al.	
		20010050989	12-13-2001	Jabari Zakiya	
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				Application Number	10800768		
INFORM	ATION DIS	CLOSUR	E	Filing Date	3/15/2004		
STATEM	ENT BY A	PPLICAN	T	First Named Inventor	G. Glenn Henry		
				Group Art Unit	2134		
(use as	many sheets as	necessary		Examiner Name	Gregory Allan Morse		
Sheet 1 of 3				Attorney Docket Number	CNTR.2070		

			U.S. PATENT	F DOCUMENTS		
Examiner Cite	Cite	Document Number	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
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		FOREIG	N PATENT DO	CUMENTS		
Examiner Cite		Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	∓ 6
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ^{5 (Finour)}	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	1
12	. 🗚	EP1215842	06-19-2002	Qi et al.		
(Q)	AΒ	WO0117152	03-08-2001	Salomao et al.		

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		FIL 311 10 -11-14-0-10	/ / /

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Substitute for form 1449A/P	10			Application Number	10800768	
INFORMA	ATION DIS	CLOSUR	RE	Filing Date	3/15/2004	
	ENT BY A			First Named Inventor	G. Glenn Henry	
			• •	Group Art Unit	2134	
(use as i	many sheets as	necessary		Examiner Name	Gregory Allan Morse	
Sheet 1 of 1				Attorney Docket Number	CNTR.2070	

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Examiner Cite		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.	Number-Kind Code ^{2(# known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
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Ø		CN1309351A (US Patent 6983374 provided herewith as an English- Language Equivalent)	08-22-2001	Hashimoto et al.				
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Substitute for form 1449AVF	-10			Application Number	10800768	
INFORM	INFORMATION DISCLOSURE				3/15/2004	
STATEMENT BY APPLICANT				First Named Inventor	G. Glenn Henry	
				Group Art Unit	2134	
(use as	many sheets as	necessary		Examiner Name	Gregory Allan Morse	
Sheet	1	of	3	Attorney Docket Number	CNTR.2070	

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DI		KIM, Ho Won et al. "Design and Implementation of a Private and Public Key Crypto Porcessor and its Application to a Security System." IEEE Transactions on Consumer Electronics. Vol. 50, No. 1, February 2004. Pages 214 - 224	-			
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